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03/02/2006

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 RESEARCH TRIANGLE PARK, NC 27709

06/07/2006 TL0222 00000004 10758825

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Vincent K. Gustafson	(Depositor's name)
<i>Vincent K. Gustafson</i>	(Signature)
June 6, 2006	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/758,825	01/16/2004	Philip S.H. Chen	2771-546-CIP3	6577

TITLE OF INVENTION: APPARATUS AND PROCESS FOR SENSING TARGET GAS SPECIES IN SEMICONDUCTOR PROCESSING SYSTEMS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	06/02/2006
EXAMINER	ART UNIT	CLASS-SUBCLASS			
SAINT SURIN, JACQUES M	2856	073-031050			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Margaret Chappuis
 2. Vincent K. Gustafson
 3. Intellectual Property / Technology Law

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Advanced Technology Materials, Inc.

Danbury, CT

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

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☒ Publication Fee (No small entity discount permitted)

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deficiencies only

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Vincent K. Gustafson

Date

June 6, 2006

Typed or printed name

Vincent K. Gustafson

Registration No.

46,182

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